INDEX

Amin, N. & Riley, N. Free convection at an axisymmetric stagnation point, 105–112

Aref, H. & Stremler, M. A. On the motion of three point vortices in a periodic strip, 1–25

Arendt, S. C. Two-dimensional vortex dynamics in a stratified barotropic fluid, 139–161

Blondeaux, P. *See* Vittori & Blondeaux

Bolinder, C. J. First- and higher-order effects of curvature and torsion on the flow in a helical rectangular duct, 113–138

Browand, F. K. *See* Spedding, Browand & Fincham

Chavanis, P. H. & Sommeria, J. Classification of self-organized vortices in two-dimensional turbulence: the case of a bounded domain, 267–297

Damiano, E. R., Duling, B. R., Ley, K. & Skalak, T. C. Axisymmetric pressure-driven flow of rigid pellets through a cylindrical tube lined with a deformable porous wall layer, 163–189

Duling, B. R. *See* Damiano, Duling, Ley & Skalak

Esmaeeli, A. & Tryggvason, G. An inverse energy cascade in two-dimensional low Reynolds number bubbly flows, 315–330

Fincham, A. M. *See* Spedding, Browand & Fincham

Hibberd, S. *See* Roberts & Hibberd

Ley, K. *See* Damiano, Duling, Ley & Skalak

Lingwood, R. J. An experimental study of absolute instability of the rotating-disk boundary-layer flow, 373–405

Luo, X. Y. & Pedley, T. J. A numerical simulation of unsteady flow in a two-dimensional collapsible channel, 191–225

Masliyah, J. H. *See* Mees, Nandakumar & Masliyah

Mees, P. A. J., Nandakumar, K. & Masliyah, J. H. Instability and transitions of flow in a curved square duct: the development of two pairs of Dean vortices, 227–246

Nandakumar, K. *See* Mees, Nandakumar & Masliyah

Pedley, T. J. *See* Luo & Pedley

Riley, N. *See* Amin & Riley

Roberts, P. A. & Hibberd, S. Internal hydraulic jumps at T-junctions, 331–347

Skalak, T. C. *See* Damiano, Duling, Ley & Skalak

Skews, B. W. & Takayama, K. Flow through a perforated surface due to shock-wave impact, 27–52

Sommeria, J. *See* Chavanis & Sommeria; Staquet & Sommeria

Spedding, G. R., Browand, F. K. & Fincham, A. M. Turbulence, similarity scaling and vortex geometry in the wake of a towed sphere in a stably stratified fluid, 53–103

Staquet, C. & Sommeria, J. Internal waves, turbulence and mixing in stratified flows: a report on Euromech Colloquium 339, 349–371

Stremler, M. A. *See* Aref & Stremler

Takayama, K. *See* Skews & Takayama

Tryggvason, G. *See* Esmaeeli & Tryggvason

Vittori, G. & Blondeaux, P. Mass transport under sea waves propagating over a rippled bed, 247–265

Wakitani, S. Formation of cells in natural convection in a vertical slot at large Prandtl number, 299–314